



Notes:  
 1) Editing of soundings has been carried out to preserve the shallowest soundings in their surveyed position  
 2) The weeding interval for soundings is 10m  
 3) RTK GNSS, Multibeam checked and calibrated before survey  
 4) Copyright Astute Surveying Pty. Ltd. This drawing and the information shown hereon has been created solely for a particular use and may not be copied without consent of Astute Surveying Pty. Ltd.  
 Survey correct at time of survey  
 5) Google Earth used for background image

Horizontal Datum		MGA94 Zone 52		Vessel		Hugh Vaughn		Soundings (m)		Page Size	
SmartnetAus base station used - MDRH				Echo Sounder		Norbit 177h		1		A1	
Vertical Datum		PLAN IS TO LAT		Heavemeter		POSMV Ocean Master		Q <sub>3</sub>		Soundings as	
				Horizontal Positioning		POSMV Ocean Master		Levels (m)		DEPTHS	
Tide Notes		LAT is 4.105m below AHD		Data Collection/ Processing		HYPACK / HYSWEEP 2022		5.2		CLASS	
		Tide calculated from RTK Tides		Tide Reference Station		RTK Tides		-5.2		N/A	
Depth Tolerance	0.1m	Horizontal Tolerance	0.5m	Weather	Calm						

Scale: 1 cm = 31.25 Meters

Hydrographic Surveyor	B W Gray
Drawn by	
Checked by	
Supervising H1 Surveyor	
Name	B W Gray
Signature	
Date	



HYDROGRAPHIC - AERIAL - LASER

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Northern Territory		Date of Plan	11/11/2022
Darwin		Plan number:	
MANDORAH		20221011 - Mandorah Hydrographic & Aerial Surveys 001	
Hydrographic & Aerial Surveys		Date of Survey	10-11 October 2022
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